

**ABSTRACT**

Assembling magnetic circuitry for an MRI system is disclosed. The MRI system comprises two permanent magnets provided within a yoke structure such as to face each other for generating magnetic field in the space defined therebetween, and two pole pieces respectively provided on opposing surfaces of the permanent magnets. Each of the pole pieces is installed at a predetermined position of the corresponding permanent magnet by sliding the pole piece on the corresponding permanent magnet in a direction parallel with a main surface of the corresponding permanent magnet on which the pole pieces is to be installed.

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